AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 1, line 21, with the following rewritten paragraph.

-- There are two types of power control systems that perform the output power control of the mobile terminal. One of the two types of ~~t~~the systems is to determine the output power of the mobile terminal in accordance with the signal strength of a received signal by the mobile terminal, wherein the signal is transmitted from the base station. This type depends on the hypothesis that there is a strong correlation between the signal propagation from the base station to the mobile terminal and the signal propagation from the mobile terminal to the base station. This type of control is named an open loop control. --

Please replace the paragraph beginning at page 2, line 23, with the following rewritten paragraph.

-- The differential amplifying circuit 101 comprises npn-type differential pair transistors Q101 and Q102, in which each emitter electrode of the transistors Q101 and Q102 is grounded through respective emitter resistors R101 and R102, respectively. An input voltage Vi is supplied to input terminals Vin+, Vin- connected to each base electrode of the differential pair transistors Q101 and Q102. --

Please replace the paragraph beginning at page 4, line 1, with the following rewritten paragraph.

-- The transmission gain G varies by changing the ratio of flowing currents of the current dividing circuits 103 and 104 in accordance with the internal control voltage Vc generated at the control voltage supply circuit 108 based on the external control voltage VC from the external control voltage generating source 109, wherein the potential difference ±ΔVbe between base electrodes of the differential pair transistors Q103 and Q104 and the differential pair transistors Q105 and Q106 are changed by means of the internal control voltage Vc supplied from the control voltage supply circuit 108. --